Presentation to US AMG 10 April 1997

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MOD Beacon Funded Project

- Integrated MOD/DERA/Industry programme

Aim

- To provide MOD/DERA/Industry with an understanding of the use, development and application of the US HLA and thus provide information and experience to exploit HLA for compatibility, interoperability and software re-use

Objectives

- To develop and transfer HLA technology into simulations and modeling teams.
- Identify and evolve tools to exploit HLA technology.
- Draft guidelines for specifying inter-operability requirements for procuring models and simulations.
- Recommend procedures for the V V & A of HLA simulations and models.
- Develop and demonstrate the interaction of ALPS and DIS like protofederations.
- Evolve concepts, techniques and tools for secure integration, configuration and management of federations.

Plans

- Evaluate current version of HLA documentation
- Let Contracts to UK Industry November 1996
- Formulate two proto-federations;

 Warfighting (DIS like) and Analysis (ALSP like) March 1997
- Develop UK RTI March 1997
- Report on strengths and weaknesses of RTI/HLA to US AMG, Apr 97
- Develop HLA "Support Tools"
- MOD/Industry awareness presentation September 1997
- Establish Working Group to develop HLA specification guidelines Nov 97
- Demonstrate HLA proto-federations March 1999

Warfighting Federation

Thomson Training Systems

GEC Marconi S3I

Matra BAe Dynamics

Primary Image

Headway Consultancy

DERA

Warfighting Federation

TOW Trainer Primary Image

Ground Vehicles
GEC Marconi S3I

Ground Model
DERA Malvern

Fixed & Rotary Wing DRA Bedford

Fixed Wing Thomson Training & Simulation

SAM Sites Matra Bae Dynamics Radar Model (AD) Headway

Analysis Federation

Logica

EDS

EASAMS

Corda

Data Sciences Ltd

DERA

Analysis Federation

Federation Management Tool
Logica

HLWF - DERA JOP

CSEM -EDS Models ships

SADDAM - Corda Models amphibious landing

SIMTEC - EASAMS Models aircraft and air defence

CHARTS - DSL Exercise & scenario manager